OM protein - protein search, using sw model

GenCore version 5.1.6
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Run on: August 11, 2004, 14:49:30 ; Search time 14.375 Seconds
(without alignments)
826.016 Million cell updates/sec

Title: US-10-029-630-4
Perfect score: 1203
Sequence: 1 MEGQRWLPLEANPEVTNQFL.........KEWERDPDELRFNAIALSAA 230

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5
Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA:*
1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
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4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
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6: /cgn2_6/ptodata/2/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	1203	100.0	230	4	US-09-230-196-18	Sequence 18, Appl
2	1203	100.0	230	4	US-09-230-196-23	Sequence 23, Appl
3	663.5	55.2	223	4	US-09-230-196-17	Sequence 17, Appl
4	663.5	55.2	223	4	US-09-230-196-24	Sequence 24, Appli
5	632.5	52.6	212	4	US-09-702-705-1820	Sequence 1820, Appl
6	632.5	52.6	212	4	US-09-736-457-1820	Sequence 1820, Ap
7	632.5	52.6	212	4	US-09-671-325-1820	Sequence 1820, Ap
8	585.5	48.7	227	4	US-09-230-196-21	Sequence 21, Appl
9	309	25.7	236	4	US-09-230-196-22	Sequence 22, Appl
10	210	17.5	247	4	US-09-230-196-16	Sequence 16, Appl
11	210	17.5	326	4	US-09-230-196-20	Sequence 20, Appl
12	190.5	15.8	729	4	US-08-841-483-4	Sequence 4, Appl
13	95	7.9	928	2	US-09-382-911-4	Sequence 4, Appli
14	95	7.9	928	3	US-08-841-483-4	Sequence 4, Appl
15	95	7.9	1117	2	US-09-382-911-6	Sequence 6, Appli
16	95	7.9	801	4	US-09-382-911-6	Sequence 6, Appl
17	89	7.4	801	4	US-09-252-991A-18228	Sequence 18228, A
18	84.5	7.0	531	4	US-09-051-961-9	Sequence 9, Appl
19	82.5	6.9	892	4	US-09-543-681A-8314	Sequence 8314, Ap
20	82	6.8	888	3	US-09-268-140-4	Sequence 4, Appli
21	82	6.8	904	4	US-09-543-681A-6943	Sequence 6943, Ap
22	81.5	6.8	573	4	US-09-134-000C-5258	Sequence 5258, Ap
23	81	6.8	294	4	US-09-252-991A-27242	Sequence 27242, A
24	81	6.7	645	2	US-08-592-126-144	Sequence 144, Appl
25	81	6.7	645	2	US-08-687-080-47	Sequence 47, Appl
26	81	6.7	645	2	US-08-168-595-144	Sequence 144, App
27	81	6.7	1312	2	US-08-592-126-148	Sequence 148, App
28	81	6.7	1312	2	US-08-687-080-51	Sequence 51, Appl
29	80.5	6.7	1312	2	US-09-168-595-148	Sequence 148, App
30	80.5	6.7	912	2	US-08-951-871-2	Sequence 2, Appli
31	80.5	6.7	1094	2	US-08-680-326-40	Sequence 40, Appl
32	80	6.7	205	4	US-09-107-532A-5462	Sequence 5462, Appl
33	79.5	6.6	346	4	US-09-252-991A-21432	Sequence 21432, A
34	79.5	6.6	444	4	US-09-134-000C-5414	Sequence 5414, Ap
35	79.5	6.6	464	2	US-07-688-352C-16	Sequence 16, Appl
36	79.5	6.6	464	2	US-08-474-379C-16	Sequence 16, Appl
37	79.5	6.6	464	3	US-09-146-249A-16	Sequence 16, Appl
38	79.5	6.6	464	4	US-08-206-188B-16	Sequence 16, Appl
39	79	6.6	346	4	US-09-199-637A-313	Sequence 313, App
40	79	6.6	886	4	US-08-956-171E-5235	Sequence 5235, App
41	78.5	6.6	294	4	US-09-134-000C-4724	Sequence 4724, Ap
42	78.5	6.5	876	4	US-08-785-071A-2	Sequence 2, Appli
43	78.5	6.5	876	3	US-09-012-872-2	Sequence 2, Appli
44	78	6.5	327	4	US-09-134-001C-4937	Sequence 4937, Ap
45	78	6.5	327	4	US-09-134-001C-4937	Sequence 4937, Ap

ALIGNMENTS

RESULT 1
US-09-230-196-18
Sequence 18, Application US/09230196
Patent No. 6307035
GENERAL INFORMATION:
APPLICANT: Rauscher III, Frank J.
APPLICANT: Jensen, David E.
TITLE OF INVENTION: BRCA1 Associated Protein (BAP-1) and
TITLE OF INVENTION: Uses Therefor
NUMBER OF SEQUENCES: 47
CORRESPONDENCE ADDRESS:
ADDRESSEE: Howson and Howson
STREET: Spring House Corporate Cntr., PO Box 457
CITY: Spring House
STATE: Pennsylvania
COUNTRY: U.S.A.
ZIP: 19477
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/230,196
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/022,997
FILING DATE: 02-AUG-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/038,109
FILING DATE: 19-FEB-1997
ATTORNEY/AGENT INFORMATION:
NAME: Bak, Mary E.
REGISTRATION NUMBER: 31,215
REFERENCE/DOCKET NUMBER: WST68BUSA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-540-9200
TELEFAX: 215-540-5818
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 230 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-09-230-196-18

Query Match 100.0%; Score 1203; DB 4; Length 230;
Best Local Similarity 100.0%; Pred. No. 6.3e-126;

Matches 230; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy  121 KFLEESVSMSPEERARYLENYDAIRVTHETSAHEGQTEAPSIDEKVDLHFIALVHVDGHL  180
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Db  121 KFLEESVSMSPEERARYLENYDAIRVTHETSAHEGQTEAPSIDEKVDLHFIALVHVDGHL  180

Qy  181 YELDGRKPFPINHGETSDETLLEDAIEVCKKFMERDPDELRFNAIALSAA  230
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Db  181 YELDGRKPFPINHGETSDETLLEDAIEVCKKFMERDPDELRFNAIALSAA  230
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RESULT 2
US-09-230-196-23
; Sequence 23, Application US/09230196
; Patent No. 6307035
; GENERAL INFORMATION:
; APPLICANT: Rauscher III, Frank J.
; APPLICANT: Jensen, David E.
; TITLE OF INVENTION: BRCA1 Associated Protein (BAP-1) and
; TITLE OF INVENTION: Uses Therefor
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Howson and Howson
; STREET: Spring House Corporate Cntr., PO Box 457
; CITY: Spring House
; STATE: Pennsylvania
; COUNTRY: U.S.A.
; ZIP: 1947
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/230,196
; FILING DATE:
; PRIOR APPLICATION DATA:
; CLASSIFICATION:
; APPLICATION NUMBER: US 60/022,997
; FILING DATE: 02-AUG-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/038,109
; FILING DATE: 19-FEB-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Bak, Mary E.
; REGISTRATION NUMBER: 31,215
; REFERENCE/DOCKET NUMBER: WST68BUSA
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-540-9200
; TELEFAX: 215-540-5818
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 230 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-09-230-196-23

Query Match   100.0%; Score 1203; DB 4; Length 230;
Best Local Similarity 100.0%; Pred. No. 6.3e-126;
Matches 230; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db    1 MEGQRWLPLEANPEVTNQFLKQLGLHPNWQFVDVYGMDPELLSMVPRPVCAVLLLFPITE   60

Qy   61 KYEVFRTEEEKIKSQGQDVTSSVYFMKQTISNACGTIGLIHAIANNKDKMHFESGSTLK  120
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Db   61 KYEVFRTEEEKIKSQGQDVTSSVYFMKQTISNACGTIGLIHAIANNKDKMHFESGSTLK  120

Qy  121 KFLEESVSMSPEERARYLENYDAIRVTHETSAHEGQTEAPSIDEKVDLHFIALVHVDGHL  180
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Db  121 KFLEESVSMSPEERARYLENYDAIRVTHETSAHEGQTEAPSIDEKVDLHFIALVHVDGHL  180

Qy  181 YELDGRKPFPINHGETSDETLLEDAIEVCKKFMERDPDELRFNAIALSAA  230
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Db  181 YELDGRKPFPINHGETSDETLLEDAIEVCKKFMERDPDELRFNAIALSAA  230
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RESULT 3
US-09-230-196-17
; Sequence 17, Application US/09230196
; Patent No. 6307035
; GENERAL INFORMATION:
; APPLICANT: Rauscher III, Frank J.
; APPLICANT: Jensen, David E.
; TITLE OF INVENTION: BRCA1 Associated Protein (BAP-1) and
; TITLE OF INVENTION: Uses Therefor
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Howson and Howson
; STREET: Spring House Corporate Cntr., PO Box 457
; CITY: Spring House
; STATE: Pennsylvania
; COUNTRY: U.S.A.
; ZIP: 1947
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/230,196
; FILING DATE:
; PRIOR APPLICATION DATA:
; CLASSIFICATION:
; APPLICATION NUMBER: US- 60/022,997
; FILING DATE: 02-AUG-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US- 60/038,109
; FILING DATE: 19-FEB-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Bak, Mary E.
; REGISTRATION NUMBER: 31,215
; REFERENCE/DOCKET NUMBER: WST68BUSA
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-540-9200
; TELEFAX: 215-540-5818
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 223 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-09-230-196-17

Query Match   55.2%; Score 663.5; DB 4; Length 223;
Best Local Similarity 55.2%; Pred. No. 8.8e-66;
Matches 123; Conservative 45; Mismatches 50; Indels 5; Gaps 2;

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